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PATENT
~~8040~~-1010
8004-

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Kazuhiko KURATA et al. Conf. 9287

Application No. 10/026,695 Group 2633

Filed December 27, 2001 Examiner H. Phan

OPTICAL TRANSCEIVER

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with Rules 1.97 and 1.98, and in fulfillment of the duty of disclosure under Rule 1.56, the accompanying documents, copies of which are attached to this statement, are made of record on the enclosed Form PTO-1449.

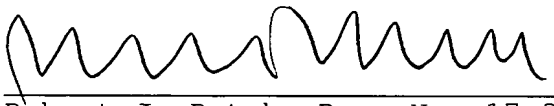
A concise explanation of the relevance of these items is that these references were cited by the Japanese Patent Office in an Official Action. A copy of the Japanese Official Action in which they were cited is attached hereto, with what is believed to be the pertinent portion enclosed in a wavy line. **An English translation of the enclosed portion is also attached hereto.** Reference citations 1, 2 and 3 were previously submitted in Information Disclosure Statements.

Under the provisions of 37 CFR 1.97(e), the undersigned hereby certifies that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a

counterpart foreign application not more than three months prior to the filing of this Statement.

Respectfully submitted,

YOUNG & THOMPSON



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PTO-1449

Sheet 1 of 1

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Attorney Docket No.: 8004-1010	Application No.: 10/026,695
	Applicant: Kazuhiko KURATA et al.	
	Filing Date: December 27, 2001	Group Art Unit: 2633

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing date (if appropriate)

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No
	JP 07-294777	11/10/1995	JAPAN (with English abstract)				
	JP 10-225995	08/25/1998	JAPAN (with English abstract)				
	JP 11-174269	07/02/1999	JAPAN (with English abstract)				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER:	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

* Abstract provided for the Examiner's convenience

KURATA et al.
U.S. Application No. 10/026,695
Our Ref. 8004-1010

Claims 1-16
Citations 1-6

Remarks:

In Citation 4, reference is made, at the time of using a lens array, to making a lens to be an aperture, and to shielding light coming from other than the lens (particular reference is made to Figure 2).

In a transceiver (phonetic), separating the transmitter, the receiver and the optical path with different apertures is technology which is already known (reference is made, for example, to Fig. 3 of Citation 5 and Fig. 11 of Citation 6.)

In the optical transceiver referred to in Citation 1, there is no exceptional difficulty perceived to attaching respective individual apertures relative to a lighting element and a light receiving element based on Citation 4 and known technology.

Hence, the invention relating to Claims 1-16 could be easily conceived by one skilled in the Art based upon the Citations.

Reference Citation List

1. Japanese Laid Open Patent Publication H09-243867
2. Japanese Laid Open Patent Publication H10-126002
3. SM fiber MT-RJ transceiver module, electronic information communication association, Year 20004 General Conference Treatise Compendium, Electronics, 1, p.320 C-3-140.
4. Japanese Laid Open Patent Publication H10-225995
5. Japanese Laid Open Patent Publication H11-174269
6. Japanese Laid Open Patent Publication H07-294777